

FACTSheet

Former Nebraska Ordnance Plant Mead, Nebraska

March 2007

Ordnance and Explosives Recurring Review

For more information or any questions concerning the Mead project, please contact:

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Information repository documents are available for review at:

Mead Public Library

316 South Vine Street
Mead, Nebraska 68041
(402) 624-6605

Mead Project Website:

<http://www.nwk.usace.army.mil/projects/mead/projectindex.html>



US Army Corps
Of Engineers
Kansas City District

Background

The US Army Corps of Engineers (USACE) is conducting an Ordnance and Explosives (OE) Recurring Review at the Former Nebraska Ordnance Plant (NOP). The purpose of a Recurring Review is to revisit historic OE sites to confirm that completed OE response actions continue to minimize explosives safety risks and be protective of human health, safety, and the environment. An OE response action can be a physical clean-up or site management.

USACE conducted the first OE Recurring Review in 2001 and published a Draft OE Recurring Review Report in December 2002. The second Recurring Review is now underway. OE Recurring Reviews are conducted under guidance specified in USACE Engineering Pamphlet (EP) 75-1-4 dated October, 2003.

Purpose

A Recurring Review answers three general questions:

- Is the response functioning as intended?
- Are any assumptions used at the time of response selection still valid?
- Does new information indicate that the previously selected response no longer minimizes explosives safety risks or is no longer protective of human health, safety, and the environment considering the best available technology?

2002 OE Recurring Review

The 2002 OE Recurring Review included:

- A review of existing documentation;
- Identification and review of current and new information;
- A site visit; and
- Stakeholder and public meetings.

Stakeholders

Stakeholders include, but are not limited to

- Property owners;
- Community members;
- Community leaders;
- Local law enforcement; and
- Regulatory agencies.

A site visit was conducted in October 2001 to visually confirm the physical condition of the site, to verify current land use, site accessibility, and other factors affecting public exposure to ordnance risk.

Stakeholders were interviewed to identify their concerns regarding OE response actions.

Historic OE response/removal actions at the NOP include:

- Culvert Area (Site 5) – Clearance of approximately 6 acres of surface and subsurface OE to a depth of 4 feet (1996-1997)
- NRD Reservoir/Potential Landfill Area – Destruction of two partial bomblets found during OU3 Remedial Investigation work (1999)
- Landfill Area, Former Wastewater Treatment Plant (Site 8) – Groundwater monitoring for Chemical Warfare Material
- Site 5, Site 8, NRD Reservoir – Fencing and/or signage to warn of potential OE hazards

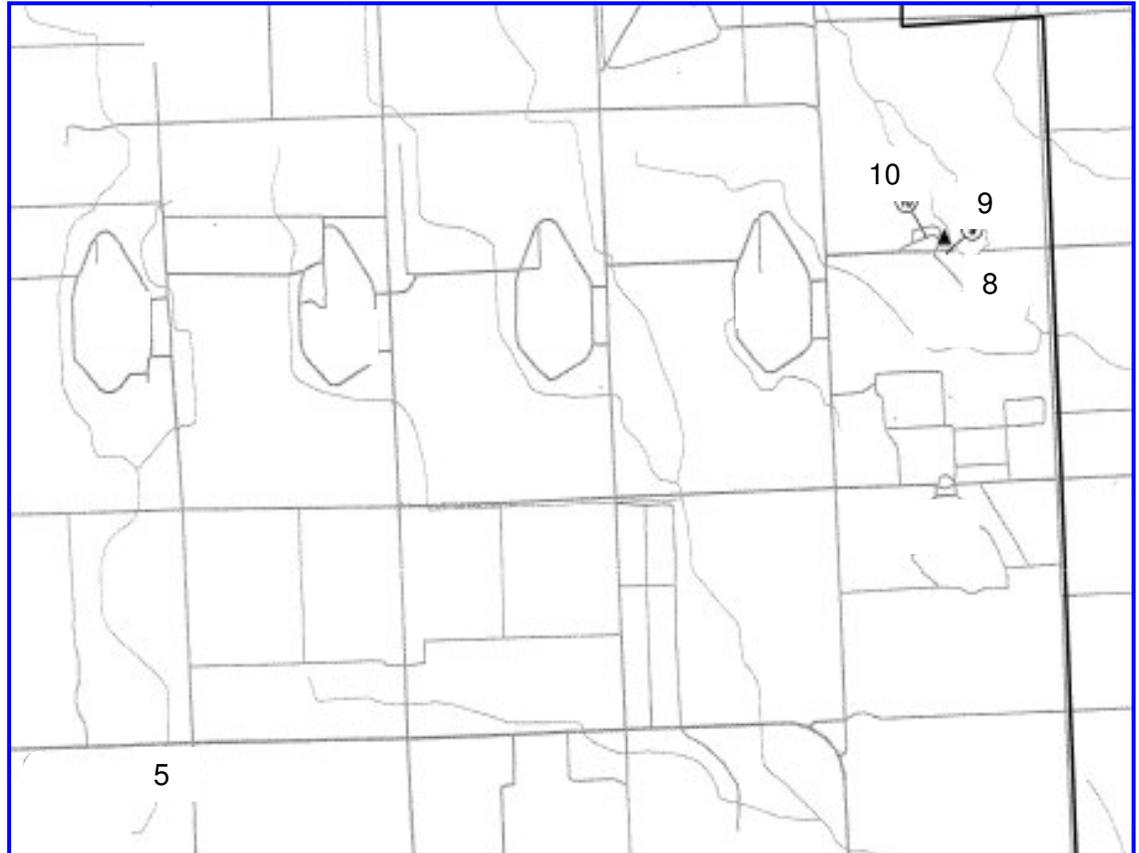
2002 Recurring Review Conclusions

The 2002 Recurring Review found that no land use or accessibility changes were identified at or around the former NOP. It also indicated that no OE incidents had occurred at or around the former NOP.

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Ordnance and Explosives Recurring Review (Continued)



LEGEND:

- 5 Culvert Area
- 8 Landfill Area – Former Treatment Plant
- 9 Proving Range
- 10 North Burning Ground
- ▲ Potential Landfill Area (location where incendiary bomblets found)

Location of Historical OE Sites Former Nebraska Ordnance Plant Mead, Nebraska

Areas of Concern

Areas of concern, including areas where previous OE response actions were conducted, were evaluated during the 2002 OE Recurring Review. Areas of concern identified and observed during the 2002 OE Recurring Review will be reevaluated in the 2007 OE Recurring Review, including:

- Culvert Area (Site 5)
- Landfill Area, Former Wastewater Treatment Plant (Site 8)
- Proving Range (Site 9)
- North Burning Ground (Site 10)
- NRD Reservoir and Potential Landfill Area.

What Will the 2007 Recurring Review Include?

The 2007 OE Recurring Review will evaluate the last five years since the previous OE Recurring Review by answering the three general questions above. This evaluation will include:

- Recent or future land changes at the areas of concern listed above
- Accessibility changes at the areas of concern listed above
- Other sites of OE interest brought about during the Public Availability Session and/or in stakeholder interviews